

EPA Region 5 Records Ctr.



jdemonte@ssd.com
614-365-2809

May 12, 2006

VIA FEDERAL EXPRESS

Elise S. Feldman
U.S. Department of Justice
Environmental Enforcement Section
Environmental and Natural Resources Division
601 D Street, Mailroom 2121
Washington DC 20004

Re: EaglePicher Holdings, Inc., et al., No. 05-12601 (Bankr. S.D. Ohio)

Dear Elise:

Please find enclosed several documents that we are providing to our consultant, ENVIRON. Because we are providing these documents to ENVIRON, we are producing copies to you as a courtesy. They are Bates numbered OH001222 to OH001251. The enclosed documents are publicly available documents that were provided to us in response to an information request to the Shelby County Board of Health regarding the Sidney, Ohio site. By copy of this letter, we are also providing a copy of these documents to Jack McManus of the Ohio Attorney General's office.

If you have questions regarding the foregoing, please do not hesitate to let us know.

Very truly yours,

/s/ Jessica E. DeMonte

Jessica E. DeMonte

Enclosure

Elise S. Feldman

May 12, 2006

Page 2

SQUIRE, SANDERS & DEMPSEY L.L.P.

cc: Jon Gulch (via Fed Ex)
Jack McManus (Ohio, via Fed Ex)
Jason Barbeau (via Fed Ex)
Stephen D. Lerner (via email)
Scott A. Kane (via email)
Karen A. Winters (via email)
Patrick J. Brooks (via email)

JED/acp

U.S. ENVIRONMENTAL
PROTECTION AGENCY

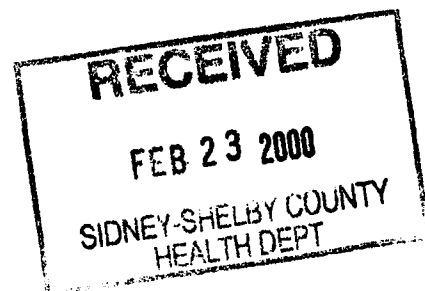
MAY 17 2006

OFFICE OF REGIONAL
COUNSEL



Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 937/492-4134 Fax 937/498-1883



February 22, 2000

Robert Mai, RS
Sidney-Shelby Cnty B of H
202 West Poplar St.
Sidney, Ohio 45365

RE: Sand Monofill at Brooklyn Avenue

Dear Mr. Mai:

The following analysis summary for spent foundry sand is being submitted for your review.

Samples were collected by Swank Consulting, Inc., and represent the foundry sand deposited on the Ross Aluminum Foundries, Division of Eagle Picher Ind. property located west of Brooklyn Avenue.

1-28-99	TOTAL PHENOLICS		0.12 mg/l
7-26-99	TOTAL PHENOLICS		N/D
11-11-99	Acidity - Total	8.79 S.U.	8.16 S.U.
	Alkalinity	40.5	22.8
	Conductivity	196 mmhos	7.40
	pH	7.57 S.U.	7.4 S.U.
	Sulfate	1269 mg/kg	1186
	TDS	221 mg/kg	144
	Aluminum	9865 mg/kg	2435
	Iron	11647 mg/kg	15055
	Manganese	90.5 mg/kg	124
	Vanadium	4.92 mg/kg	3.66
	Zinc	91.5 mg/kg	22.0
1-22-00	Cyanide		N/D
	Fluoride		0.80 mg/l

OH001222

Phenolics	0.1 mg/l
Arsenic	N/D
Barium	0.29 mg/l
Cadmium	N/D
Chromium	N/D
Lead	N/D
Mercury	N/D
Selenium	N/D
Silver	N/D

On January 28, 2000 Ross Aluminum was sold by Eagle Picher Ind., Inc. The Brooklyn property was not sold and remains an asset of Eagle Picher Ind., Inc. As of 1-28-2000 Ross Aluminum stopped sending spent foundry sand to this property. It is my understanding that Eagle Picher Ind. will be re-grading and capping the area with top soil to close its use as a monofill.

If you have any questions on any of this information please let me know.

Sincerely,



Ted Settlage

Coord. Env. & Safety

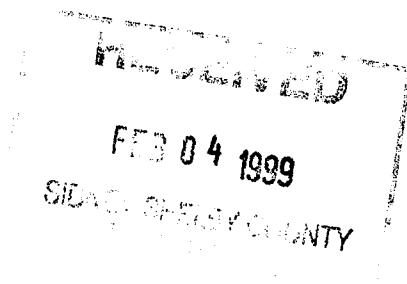


Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45385-0809 513/492-4134 Fax 513/498-1883

February, 3 1999

Joe E. Sargeant, R.S.
Director Of Environmental Health
Sidney-Shelby County board Of Health
202 West Poplar Street
Sidney, OH 45365



Dear Mr. Sargeant:

The following analysis summary for spent foundry sand is being submitted for your review.

Samples were collected by Swank Consulting, Inc., and analyzed by Brookside Laboratories, Inc., and represent the foundry sand deposited on the Ross Aluminum Foundries property located west of Brooklyn Avenue.

3-12-98	TCLP For Phenolics	2.03 mg/l
12-28-98	TCLP For Metals	
	Arsenic	N/D
	Barium	0.05 mg/l
	Cadmium	N/D
	Chromium	0.04 mg/l
	Cyanide (total)	N/D
	Fluoride	2.0 mg/l
	Lead	N/D
	Mercury	N/D
	Phenolics	0.05 mg/l
	Selenium	N/D
	Silver	N/D

If you have any questions or require additional information please let me know.

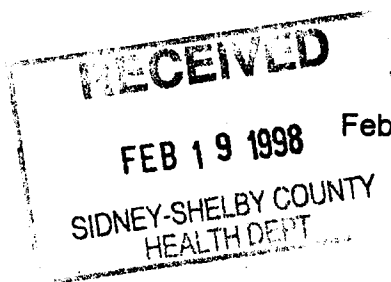
Sincerely,

Ted Settlege
Coordinator Environ. & Safety



Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45385-0609 937/492-4134 Fax 937/498-1883



February 18, 1998

Joe E. Sargeant, R.S.
Director Of Environmental Health
Sidney-Shelby County board Of Health
202 West Poplar Street
Sidney, OH 45365

Dear Mr. Sargeant:

The following analysis summary for spent foundry sand is being submitted for your review.

Samples were collected by Swank Consulting, Inc., and analyzed by Brookside Laboratories, Inc., and represent the foundry sand deposited on the Ross Aluminum Foundries property located west of Brooklyn Avenue.

12-30-96

not collected
TCLP For Phenolics *> 0.3 mg/l* 0.09 mg/l
Total Cyanide *0.2 mg/l* N/D
Fluoride *2.4 mg/l* 0.09 mg/l
Arsenic 0.00067 mg/l
Barium N/D
Chromium 0.32
Lead N/D
Mercury N/D
Selenium N/D
Silver 0.10 mg/l

2-8-97

TCLP For Phenolics 0.09 mg/l

8-7-97

TCLP For Phenolics 0.16 mg/l

12-31-97

TCLP For Phenolics	0.09 mg/l
Total Cyanide	N/D
Fluoride	1.12 mg/l
Arsenic	0.0014 mg/l
Barium	0.36 mg/l
Cadmium	N/D
Chromium	N/D
Lead	N/D
Mercury	N/D
Selenium	N/D
Silver	0.10 mg/l

If you have any questions or require additional information please let me know.

Sincerely,



Ted Settlage
Coordinator Environ. & Safety

021898.TAS

OH001226



Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 513/492-4134 Fax 513/498-1883

January 9, 1997

JAN 10 1997

SIDNEY-SHELBY COUNTY
HEALTH DEPT

Joe E. Sargeant, R.S.
Director Of Environmental Health
Sidney-Shelby County Board Of Health
202 West Poplar Street
Sidney, OH 45365

Dear Mr. Sargeant:

The following analysis summary for spent foundry sand is being submitted for your review.

Samples were collected by Swank Consulting, Inc. and analyzed by Brookside Laboratories, Inc. and represent the foundry sand deposited on the Ross Aluminum Foundries property located west of Brooklyn Avenue.

<u>DATE</u>	<u>TOTAL PHENOLICS</u>	<u>TCLP FOR PHENOLICS</u>
02-01-96	54.0 mg/kg	
02-28-96	13.8 mg/kg	
03-29-96	16.2 mg/kg	
07-31-96	12.2 mg/kg	
08-29-96	54.0 mg/kg	
10-10-96		0.29 mg/kg
12-19-96		0.96 mg/kg

10-10-96 and 12-19-96 samples were analyzed using EPA 420.1 TCLP water extraction method, as established by Ohio EPA policy for disposal of non-toxic fly ash, bottom ash, and foundry sand.

If you have any questions or require additional information please let me know.

Sincerely,

Ted Settlege
Coordinator Env. & Safety

010997.TAS

DIVISION OF
EAGLE EPICHER

OH001227



Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 513/492-4134 Fax 513/498-1883

January 18, 1996

RECEIVED

JAN 22 1996

**SIDNEY-SHELBY COUNTY
HEALTH DEPT**

Joe E. Sargeant, R.S.
Director Of Environmental Health
Sidney-Shelby County Board Of Health
202 W. Poplar St.
Sidney, OH 45365

Dear Mr. Sargeant:

The following analysis summary for spent foundry sand is being submitted for your review.

Samples were collected by Swank Consulting, Inc. and analyzed by Brookside Laboratories, Inc. and represent the foundry sand deposited on Ross property west of Brooklyn Avenue and located between Fielding Road and Ardiss.

<u>DATE</u>	<u>TOTAL PHENOLICS</u>
2-22-95	10.7 mg/kg
4-27-95	31.5 mg/kg
5-12-95	53.2 mg/kg
7-10-95	9.63 mg/kg
8-29-95	13.3 mg/kg
9-21-95	25.0 mg/kg
11-30-95	21.8 mg/kg

If any additional information is required please let me know.

Sincerely,

T. A. Settlage
Coord. Environ. & Safety

011896.TS

DIVISION OF
EAGLE EP Picher

OH001228



Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 513/492-4134 Fax 513/498-1883

January 13, 1995

RECEIVED

JAN 17 1995

SIDNEY-SHELBY COUNTY

Joe E. Sargeant, R.S.
Director Of Environmental Health
Sidney-Shelby County Board Of Health
202 W. Poplar St.
Sidney, OH 45365

Dear Mr. Sargeant:

Please find attached analysis for spent foundry sand in accordance with your request of January 24, 1990.

Samples were collected by Monte Swank, EID representative for Brookside Farms Laboratory Assn. and owner of Swank Consulting. Sampling is representative of sand deposited on Ross property west of Brooklyn Avenue and located between Fielding Road and Ardiss.

Sincerely,

ROSS ALUMINUM FOUNDRIES

James F. Rinker
Environmental Manager

011395.jfr

DIVISION OF
EAGLE EPICHER

OH001229



BROOKSIDE LABORATORIES, INC.
ENVIRONMENTAL & INDUSTRIAL DIVISION
P.O. BOX 456 308 S. MAIN STREET
NEW KNOXVILLE, OH 45871

(419) 753-2448

ANALYSIS REPORT

We are pleased to submit the following Analysis Report. Please review the data and feel free to call us if you have questions or need additional tests and/or technical assistance.

GENERAL INFORMATION

Account No : 60243

Report Submitted To: Jim Rinker

Client Name : Ross Aluminum Foundries

Report No : IS49313

Project Name :

Report Date : 01/10/95


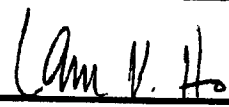
Site Name/Location :

Sample Collected By: Swank Cons., Inc.

Comments :

ANALYTICAL RESULTS

Analytical results are presented on page 2 through page 5 of this report.

AUTHORIZED SIGNATURES	
 Jeffrey Brachok Division Coordinator	 Lam V. Ho, Ph.D., REP, Director, EID

FILE NO: 60243

CLIENT NAME : Ross Aluminum Foundries

PROJECT NAME :

PAGE NO : 2

REPORT NUMBER: IS49313

REVIEWER INITIALS: 

TEST NAME: ** GENERAL ANALYSIS **

SAMPLE MATRIX : SOLID

SAMPLE ID :

SAMPLE DESCRIPTION : CORE SAND MATERIAL

LAB NUMBER : IS49313

DATE SAMPLED: 12/27/94

DATE RECEIVED: 12/28/94

CODE	ANALYTE	PREPARATION METHOD	ANALYTICAL METHOD	DATE ANALYZED	ANALYST	RESULT	MDL
IA850	TOTAL PHENOLICS		EPA 420.1	01/06/95	LLR	14.4 mg/kg	0.03 mg/kg

FILE NO: 60243

PAGE NO : 3

CLIENT NAME : Ross Aluminum Foundries

REPORT NUMBER: IS49313

PROJECT NAME :

REVIEWER INITIALS: 

TEST NAME : ** TCLP Metals **

SAMPLE MATRIX : TCLP EXTRACT

DATE SAMPLED: 12/27/94

SAMPLE ID : BROOKLYN

DATE RECEIVED: 12/28/94

SAMPLE DESCRIPTION : LANDFILL MATERIAL

DATE EXTRACTED : 12/30/94

LAB NUMBER : IS49314

DATE ANALYZED: 01/09/95

EXTRACTION METHOD NO : EPA 1311

ANALYST: JAS

EPA HW NO*	ANALYTE	METHOD	RESULT (mg/l)	REGULATORY LIMIT (mg/l)	MDL (mg/l)
D004	ARSENIC	EPA 7061	N/D	5.0	0.00002
D005	BARIUM	EPA 6010 A	0.31	100.0	0.05
D006	CADMIUM	EPA 6010 A	0.034	1.0	0.003
D007	CHROMIUM	EPA 6010 A	0.40	5.0	0.03
D008	LEAD	EPA 6010 A	0.08	5.0	0.05
D009	MERCURY	EPA 7470	N/D	0.2	0.0002
D010	SELENIUM	EPA 7741	N/D	1.0	0.00006
D011	SILVER	EPA 7760	0.51	5.0	0.005

* EPA's Hazardous Waste Number

** N/D - None Detected

FILE NO: 60243

PAGE NO : 4

CLIENT NAME : Ross Aluminum Foundries

REPORT NUMBER: IS49313

PROJECT NAME :

REVIEWER INITIALS: **TEST NAME : ** TCLP Volatile Organic Compounds ****

SAMPLE MATRIX : TCLP EXTRACT

DATE SAMPLED: 12/27/94

SAMPLE ID : BROOKLYN

DATE RECEIVED: 12/28/94

SAMPLE DESCRIPTION : LANDFILL MATERIAL

DATE EXTRACTED : 01/03/95

LAB NUMBER : IS49314

DATE ANALYZED: 01/06/95

EXTRACTION METHOD NO : EPA 1311

ANALYST: PAS/CJH

EPA HW NO*	ANALYTE	METHOD	RESULT (mg/l)	REGULATORY LIMIT (mg/l)	MDL (mg/l)
D018	BENZENE	EPA 8020	N/D	0.5	0.0002
D019	CARBON TETRACHLORIDE	EPA 8010	N/D	0.5	0.00012
D021	CHLOROBENZENE	EPA 8010	N/D	100	0.0002
D022	CHLOROFORM	EPA 8010	N/D	6.0	0.00005
D027	1,4-DICHLOROBENZENE	EPA 8010	N/D	7.5	0.00024
D028	1,2-DICHLOROETHANE	EPA 8010	N/D	0.5	0.00003
D029	1,1-DICHLOROETHYLENE	EPA 8010	N/D	0.7	0.00013
D035	METHYL ETHYL KETONE	EPA 8015	N/D	200	0.015
D039	TETRACHLOROETHYLENE	EPA 8010	N/D	0.7	0.00003
D040	TRICHLOROETHYLENE	EPA 8010	N/D	0.5	0.00012
D043	VINYL CHLORIDE	EPA 8010	N/D	0.2	0.00018

* EPA's Hazardous Waste Number

** N/D - None Detected

FILE NO: 60243

PAGE NO : 5

CLIENT NAME : Ross Aluminum Foundries

REPORT NUMBER: IS49313

PROJECT NAME :

REVIEWER INITIALS: 

TEST NAME : ** TCLP Semi-Volatile Organic Compounds **

SAMPLE MATRIX : TCLP EXTRACT

DATE SAMPLED: 12/27/94

SAMPLE ID : BROOKLYN

DATE RECEIVED: 12/28/94

SAMPLE DESCRIPTION : LANDFILL MATERIAL

DATE EXTRACTED : 12/30/94

LAB NUMBER : IS49314

DATE ANALYZED: 01/06/95

EXTRACTION METHOD NO : EPA 1311/3510

ANALYST: PAS/MCW

EPA HW NO*	ANALYTE	METHOD	RESULT (mg/l)	REGULATORY LIMIT (mg/l)	MDL (mg/l)
D023	O-CRESOL	EPA 8270	0.036	200	0.010
D024	M&P-CRESOL	EPA 8270	N/D	200	0.010
D026	CRESOL (TOTAL)	EPA 8270	0.036	200	0.010
D030	2,4-DINITROTOLUENE	EPA 8270	N/D	0.13	0.010
D032	HEXACHLOROBENZENE	EPA 8270	N/D	0.13	0.010
D033	HEXACHLOROBUTADIENE	EPA 8270	N/D	0.5	0.010
D034	HEXACHLOROETHANE	EPA 8270	N/D	3.0	0.010
D036	NITROBENZENE	EPA 8270	N/D	2.0	0.010
D037	PENTACHLOROPHENOL	EPA 8270	N/D	100	0.050
D038	PYRIDINE	EPA 8270	N/D	5.0	0.500
D041	2,4,5-TRICHLOROPHENOL	EPA 8270	N/D	400	0.010
D042	2,4,6-TRICHLOROPHENOL	EPA 8270	N/D	2.0	0.010

* EPA's Hazardous Waste Number

)** N/D - None Detected



SIDNEY-SHELBY COUNTY

JAN 03 1994

BROOKSIDE LABORATORIES, INC.
ENVIRONMENTAL & INDUSTRIAL DIVISION
P.O. BOX 456 308 S. MAIN STREET
NEW KNOXVILLE, OH 45871

(419) 753-2448

ANALYSIS REPORT

We are pleased to submit the following Analysis Report. Please review the data and feel free to call us if you have questions or need additional tests and/or technical assistance.

GENERAL INFORMATION

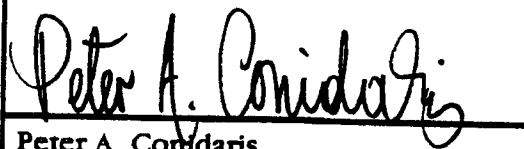

Account No.: 60243 Report Submitted To: Jim Rinker
Client Name: Ross Aluminum Foundries Report No.: IS39704
Project Name: _____ Report Date: 12/23/93

Site Name/Location: _____
Sample Collected By: Swank Cons., Inc.



ANALYTICAL RESULTS

Analytical results are presented on page 2 through page 4 of this report.

AUTHORIZED SIGNATURES	
 Peter A. Conidakis QA/QC Officer	 Lam V. Ho, Ph.D., REP, Director, EID

OH001235

FILE NO: 60243PAGE NO: 0002
REPORT NO: IS39704REVIEWER INITIALS: ih

TEST NAME: ** TCLP METALS **

SAMPLE MATRIX: TCLP Extract

DATE SAMPLED : 12/12/93

SAMPLE ID:

DATE RECEIVED: 12/13/93

SAMPLE DESCRIPTION: LANDFILL SAMPLE

LAB NUMBER: IS39704

DATE EXTRACTED: 12/13/93

EXTRACTION METHOD NO: EPA 1311

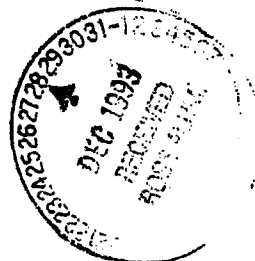
DATE ANALYZED: 12/22/93

ANALYST: JAS

EPA HW NO*	ANALYTE	METHOD	RESULT(mg/l)	REGULATORY LIMIT (mg/l)	MDL(mg/l)
D004	Arsenic	EPA 7061	0.00048	5.0	0.00004
D005	Barium	EPA 6010 A	1.16	100.0	0.10
D006	Cadmium	EPA 6010 A	0.21	1.0	0.005
D007	Chromium	EPA 6010 A	0.07	5.0	0.05
D008	Lead	EPA 6010 A	1.84	5.0	0.10
D009	Mercury	EPA 7470	N/D	0.2	0.0002
D010	Selenium	EPA 7741	0.00019	1.0	0.00012
D011	Silver	EPA 7760	0.13	5.0	0.01

* N/D - None Detected

* EPA's Hazardous Waste Number



FILE NO: 60243

PAGE NO: 0003
REPORT NO: 1839704

REVIEWER INITIALS: JL

TEST NAME: ** GENERAL ANALYSIS **

SAMPLE MATRIX: SOLID

DATE SAMPLED : 12/12/93

SAMPLE ID:

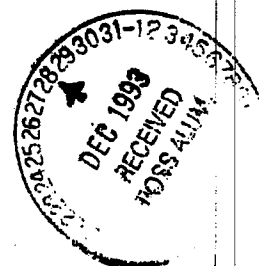
DATE RECEIVED: 12/13/93

SAMPLE DESCRIPTION: LANDFILL SAMPLE

LAB NUMBER: 1839704

CODE	ANALYTE	PREP METHOD	ANAL METHOD	DATE ANAL	ANALYST	RESULT	MDL
1A240	CYANIDE - TOTAL		EPA 335.2	12/21/93	LLR	N/D	0.02 mg/l
1A360	FLUORIDE		EPA 340.2	12/17/93	MCW	0.60 mg/l	0.20 mg/l
1A850	TOTAL PHENOLICS		EPA 420.1	12/17/93	LLR	N/D	0.03 mg/l

* N/D - None Detected



FILE NO: 60243

PAGE NO: 0004
REPORT NO: 1839704REVIEWER INITIALS: AK

TEST NAME: ** GENERAL ANALYSIS **

SAMPLE MATRIX: WASTEWATER

SAMPLE ID:

DATE SAMPLED : 12/12/93

SAMPLE DESCRIPTION: LANDFILL SAMPLE

DATE RECEIVED: 12/13/93

LAB NUMBER: UE39705

CODE	ANALYTE	PREP METHOD	ANAL METHOD	DATE ANAL	ANALYST	RESULT	MDL
1A830	TOTAL ORGANIC HALOGEN (TOX)		EPA 9020	12/16/93	JAS		
1B060	CADMIUM		EPA 6010 A	12/21/93	KSG	0.011 mg/l	0.002 mg/l
1B090	CHROMIUM-TOTAL		EPA 6010 A	12/21/93	KSG	N/D	0.005 mg/l
1B120	COPPER		EPA 6010 A	12/21/93	KSG	N/D	0.05 mg/l
1B140	LEAD		EPA 6010 A	12/21/93	KSG	N/D	0.02 mg/l
1B190	NICKEL		EPA 6010 A	12/21/93	KSG	N/D	0.10 mg/l
1B230	SILVER		EPA 6010 A	12/21/93	KSG	N/D	0.04 mg/l
1B300	ZINC		EPA 7760	12/21/93	KSG	N/D	0.01 mg/l
			EPA 6010 A	12/21/93	KSG	0.117 mg/l	0.005 mg/l

* N/D - None Detected





Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 513/492-4134 Fax 513/498-1883

January 5, ¹⁹⁹³~~1992~~

Joe E. Sargeant, R.S.
Director of Environmental Health
SIDNEY-SHELBY COUNTY BOARD OF HEALTH
Courthouse
Sidney, Ohio 45365

Dear Mr. Sargeant:

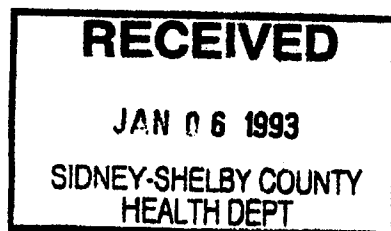
Please find attached analysis for spent foundry sand in accordance with your request of January 24, 1990.

Samples were collected by Monte Swank, EID Representative for Brookside Farms Laboratory Assn. and owner of Swank Consulting. Sampling is representative of sand deposited on Ross property west of Brooklyn Avenue located between Fielding Road and Ardiss.

Sincerely,
ROSS ALUMINUM FOUNDRIES


James F. Rinker
Environmental Manager

JFR:cjm



BROOKSIDE FARMS LABORATORY ASSN. INC.
Environmental & Industrial Division
New Knoxville, Ohio 45871
(419) 753-2448

** ANALYSIS REPORT **

Ross Aluminum Foundries
707-815 N. Oak Avenue
P.O. Box 609
Sidney, OH 45365

File Number: 60243
Date recv'd: 01/07/92
Date rept'd: 01/20/92

EID Rep: Monte W. Swank
Attention: Mr. Jim Rinker

Lab Number

IE20104

Sample Description

LANDFILL MATERIAL
FOUNDRY WASTE

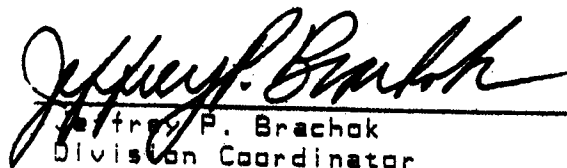
RCRA TESTS

TOXICITY (TCLP Extract)

Arsenic	mg/l	0.002
Barium	mg/l	0.88
Cadmium	mg/l	< 0.005
Chromium	mg/l	< 0.05
Lead	mg/l	< 0.10
Mercury	mg/l	< 0.00012
Selenium	mg/l	0.001
Silver	mg/l	0.03

H2O EXTRACT

Cyanides - Total	mg/l	< 0.02
Fluoride	mg/l	0.6
Total Phenols	mg/l	< 0.03


Jeffrey P. Brachok
Division Coordinator

BROOKSIDE FARMS LABORATORY ASSN. INC.
Environmental & Industrial Division
New Knoxville, Ohio 45871
(419) 753-2448

**** ANALYSIS REPORT ****

Ross Aluminum Foundries
707-815 N. Oak Avenue
P.O.Box 609
Sidney, OH 45365

File Number: 60243
Date recv'd: 01/14/92
Date rept'd: 01/27/92

EID Rep: Monte W. Swank
Attention: Mr. Jim Rinker

Lab Number

UE20105

Sample Description

LANDFILL H2O


RCRA TESTS

TOXICITY (TCLP Extract)

Arsenic	mg/l	0.001
Barium	mg/l	6.0
Cadmium	mg/l	< 0.005
Chromium	mg/l	< 0.05
Lead	mg/l	< 0.10
Mercury	mg/l	< 0.0002
Selenium	mg/l	< 0.00012
Silver	mg/l	< 0.01

H2O EXTRACT

Cyanides - Total	mg/l	< 0.02
Fluoride	mg/l	1.50
Total Phenols	mg/l	0.23


Jeffrey P. Brachok
Division Coordinator



JAN 27 92

Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 513/492-4134 Fax 513/498-1883

January 23, 1992

Joe E. Sargeant, R.S.
Director of Environmental Health
Sidney-Shelby County Board of Health
Courthouse
Sidney, Ohio 45365

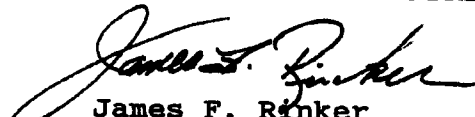
Dear Mr. Sargeant:

Please find attached analysis for spent foundry sand in accordance with your request of January 24, 1990.

Samples were collected by Monte Swank, EID Rep. for Brookside Farms Laboratory Assn. Sampling is representative of the sand deposited on the ROSS property just west of Brooklyn Avenue and located between Fielding Road and Ardiss.

Should you have questions feel free to contact me.

Sincerely,
ROSS ALUMINUM FOUNDRIES


James F. Rinker
Environmental Manager

JFR/cjm

BROOKSIDE FARMS LABORATORY ASSN. INC.
Environmental & Industrial Division
New Knoxville, Ohio 45871
(419) 753-2448

** ANALYSIS REPORT **

Ross Aluminum Foundries
707-815 N. Oak Avenue
P.O. Box 609
Sidney, OH 45365

File Number: 60243
Date recv'd: 01/07/92
Date rept'd: 01/20/92

EID Rep: Monte W. Swank
Attention: Mr. Jim Rinker

Lab Number

IE20104

Sample Description

LANDFILL MATERIAL
FOUNDRY WASTE

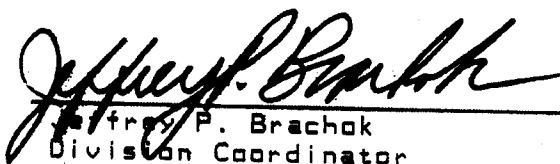
RCRA TESTS

TOXICITY (TCLP Extract)

Arsenic	mg/l	0.002
Barium	mg/l	0.88
Cadmium	mg/l	< 0.005
Chromium	mg/l	< 0.05
Lead	mg/l	< 0.10
Mercury	mg/l	< 0.00012
Selenium	mg/l	0.001
Silver	mg/l	0.03

H2O EXTRACT

Cyanides - Total	mg/l	< 0.02
Fluoride	mg/l	0.6
Total Phenols	mg/l	< 0.03


Jeffrey P. Brachok
Division Coordinator



Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 513/492-4134 Fax 513/498-1883

RECEIVED

January 15, 1991

JAN 16 91

SHIRLEY CO.

Joe R. Sargeant, R.S.
Director of Environmental Health
Sidney-Shelby County Board of Health
Courthouse
Sidney, Ohio 45365

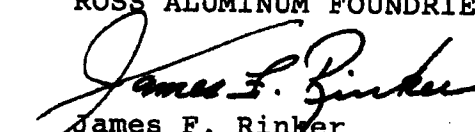
Dear Mr. Sargeant:

Please find attached analyses for spent foundry sand in accordance with your request of January 24, 1990.

Samples were collected by Monte W. Swank, EID Rep. for Brookside Farms Laboratory Assn. Sampling is of the sand deposited on the ROSS property just west of Brooklyn Avenue and located between Fielding Road and Ardiss.

Should you have any questions, please feel free to call me.

Sincerely,
ROSS ALUMINUM FOUNDRIES


James F. Rinker
Environmental Manager

JFR: cjm

BROOKSIDE FARMS LABORATORY ASSN. INC.
Environmental & Industrial Division
New Knoxville, Ohio 45871
(419) 753-2448

RECEIVED
JAN 16 91

** ANALYSIS REPORT **

Ross Aluminum Foundries
707-815 N. Oak Avenue
P.O. Box 609
Sidney, OH 45365

SIEMENS ANALYTICAL CO.
File Number: 60243
Date rec'd: 12/20/90
Date rept'd: 01/04/91

EID Rep: Monte W. Swank
Attention: Mr. Jim Rinker

Lab Number

IE08515

Sample Description

12/20/90
LANDFILL WASTE

RCRA TESTS

TOXICITY (TCLP Extract)

Arsenic	mg/l	0.0008
Barium	mg/l	0.22
Cadmium	mg/l	< 0.005
Chromium	mg/l	< 0.05
Copper	mg/l	< 0.02
Lead	mg/l	< 0.10
Mercury	mg/l	< 0.00005
Selenium	mg/l	0.0002
Silver	mg/l	< 0.01
H2O EXTRACTION		
Cyanides - Total	mg/l	< 0.02
Fluoride	mg/l	0.75
Phenols - Total	mg/l	0.04

Jeffrey B. Brachok
Jeffrey B. Brachok
Division Coordinator

OH001245



Ross Aluminum Foundries

P.O. Box 609 Sidney, Ohio 45365-0609 513/492-4134 Fax 513/498-1883

January 30th, 1990

Joe R. Sargeant, R.S.
Director Of Environmental Health
Sidney-Shelby County Board Of Health
Courthouse
Sidney, OH 45365

JAN 31 1990

Dear Mr. Sargeant:

Please find attached analyses for spent foundry sand as requested in your letter of January 24, 1990. As you will note, the 1988 data is reported on a "Dry Basis". The 1989 analysis is "Leachate".

ROSS has instructed the testing laboratory to use the leachate procedure on subsequent samplings. A copy of the testing will be forwarded to your office.

To confirm our telephone conversation of January 30, 1990, we are depositing spent foundry sand on ROSS property located west of Brooklyn Avenue, generally between Fielding and Ardiss.

Should you have any questions, please feel free to call.

Sincerely,

ROSS ALUMINUM FOUNDRIES

James F. Rinker
Environmental Manager

JFR/baj

Enclosure

xc: File (2)

ROCKSIDE FARMS LABORATORY ASSN. INC.
Environmental & Industrial Division
New Knoxville, Ohio 45871
(419) 753-2448

JAN 31 1990

**** ANALYSIS REPORT ****

Ross Aluminum Foundries
707-815 N. Oak Avenue
P.O. Box 609
Sidney, OH 45365

File Number: 60243
Date rec'd: 08/28/89
Date rept'd: 09/08/89

EID Rep: Monte W. Swank
Attention: Mr. Jim Rinker

Lab Number

IE94925

Sample Description

RCRA TESTS

TOXICITY (TCLP Extract)

Arsenic	mg/l	0.0002
Barium	mg/l	0.00
Cadmium	mg/l	< 0.005
Chromium	mg/l	0.10
Lead	mg/l	< 0.10
Mercury	mg/l	< 0.01
Selenium	mg/l	< 0.01
Silver	mg/l	< 0.01
CYANIDES -- TOTAL	mg/kg	2.50
FLUORIDE	mg/kg	311
TOTAL PHENOLS	mg/kg	< 0.05

Certification

I certify that the results presented in this report are accurate. Laboratory analysis were conducted by methods recommended by the USEPA and/or other appropriate regulatory agencies.

Cam V. Ho
Cam V. Ho, PhD - EID Director

OH001247

JAN 31 1990

BROOKSIDE FARMS LABORATORY ASSN. INC.
Environmental & Industrial Division
New Knoxville, Ohio 45871
(419) 753-2448
** ANALYSIS REPORT **

Ross Aluminum Foundries
707-815 N. Oak Avenue
P.O.Box 609
Sidney, OH 45365

File Number: 60243
Date recv'd: 08/19/88
Date rept'd: 09/02/88

EID Rep: Monte W. Swank
Attention: Mr. Jim Rinker

Lab Number
Sample Description

1583750

8/18/88

TOTAL SOLIDS	%	98.7
ARSENIC	mg/kg	0.22 *
BARIUM	mg/kg	2.11 *
CADMIUM	mg/kg	< 0.005 *
CHROMIUM - TOTAL	mg/kg	4.66 *
LEAD	mg/kg	7.33 *
MERCURY (Cold Vapor)	mg/kg	< 0.0001 *
PHENOLS - TOTAL	mg/kg	6.47 *
SELENIUM	mg/kg	< 0.0001 *
SILVER	mg/kg	< 0.0001 *

* Samples are on dry basis.

Peter A. Conidaris
Peter A. Conidaris
Laboratory Manager

OH001248

JAN 31 1990

BROOKSIDE FARMS LABORATORY ASSN. INC.
Environmental & Industrial Division
New Knoxville, Ohio 45871
(419) 753-2448

** ANALYSIS REPORT **

Ross Aluminum Foundries
707-815 N. Oak Avenue
P.O.Box 609
Sidney, OH 45365

File Number: 60243
Date recv'd: 08/19/88
Date rept'd: 09/27/88

EID Rep: Monte W. Swank
Attention: Mr. Jim Rinker

Lab Number
Sample Description

IE83751

8/18/88

TOTAL SOLIDS	%	99.3
ARSENIC	mg/kg	0.91 *
BARIUM	mg/kg	20.2 *
CADMIUM	mg/kg	0.20 *
CHROMIUM - TOTAL	mg/kg	< 0.05
LEAD	mg/kg	< 0.1
MERCURY (Cold Vapor)	mg/kg	0.04
SELENIUM	mg/kg	0.05
SILVER	mg/kg	< 0.01

* Samples are on dry basis.

Peter A. Conidaris
Peter A. Conidaris
Laboratory Manager

OH001249



State of Ohio Environmental Protection Agency

Southwest District Office
40 South Main Street
Dayton, Ohio 45402
(513) 449-6357

SFP 9 1988

Richard F. Celeste
Governor

September 6, 1988

Re: SHELBY COUNTY
SOLID WASTE

James R. Rinker
Quality Coordinator
Ross Aluminum Foundries
P.O. Box 609
Sidney, OH 45365-0609

Dear Mr. Rinker:

This letter is in response to your correspondence dated 6/22/88, 8/19/88, and 8/29/88 regarding the proposed exemption of your spent core plaster as a solid waste. To be exempted, the core plaster material must be determined "not harmful or inimical to public health".

The main criteria to determine if the core plaster material is harmful to public health is to ask the question: Can the material pollute the water?

The submitted analysis shows that sulfate and the Alcanol-XC surfactant agent can leach out above the Ohio Drinking Water Standards:

<u>Parameters</u>	(OAC 3745-81-11(B)) <u>Ohio Drinking Water</u> <u>Standards (DWS)</u>	<u>Core Plaster</u> <u>Test Results</u>
Sulfate	250 gm/l	1,117 mg/l
MBAS	.5 mg/l	.8 mg/l

Having considered the information submitted regarding the waste, it is a solid waste that must be deposited in a licensed solid waste disposal facility. The core plaster material is not specifically excluded by the definition of solid waste in section 3734.01(E) of the Revised Code and the material can pollute the water.

OH001250

James F. Rinker
Ross Aluminum Foundries
September 6, 1988
Page 2

We hope this letter clarifies our position on this matter.
Should further questions arise, please do not hesitate to contact
us.

Sincerely yours,



M. Joe Moore, R.S.
Solid Waste Group

MJM/lal

cc: ~~Shelby County Health Dept.~~
Tom Harcarik, DSHWM/CO
Shelby County Transfer Station